

FIG.1

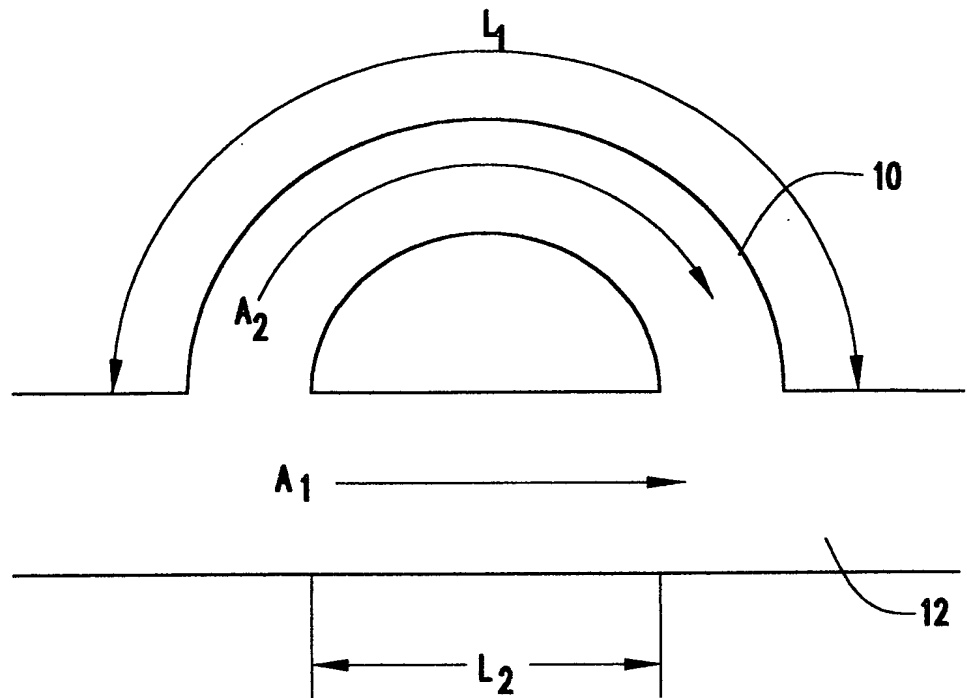
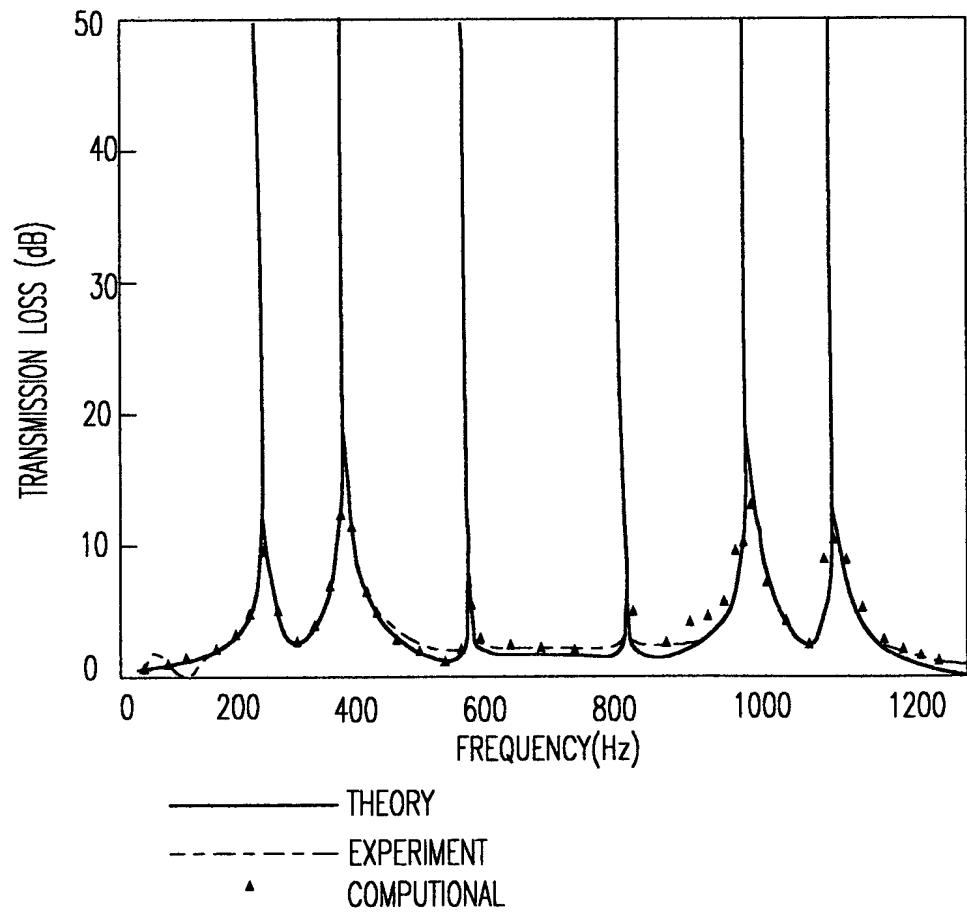
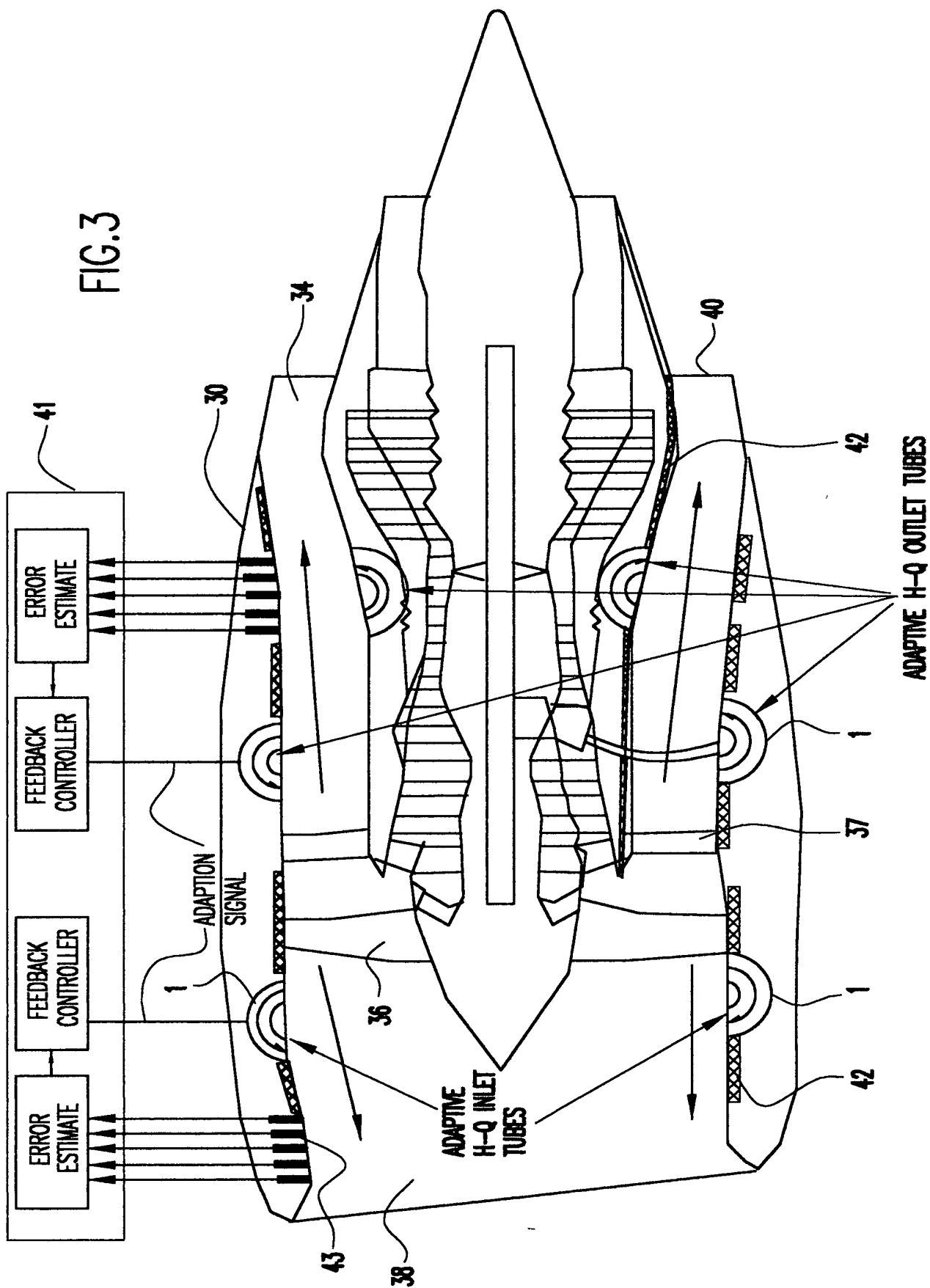


FIG.2





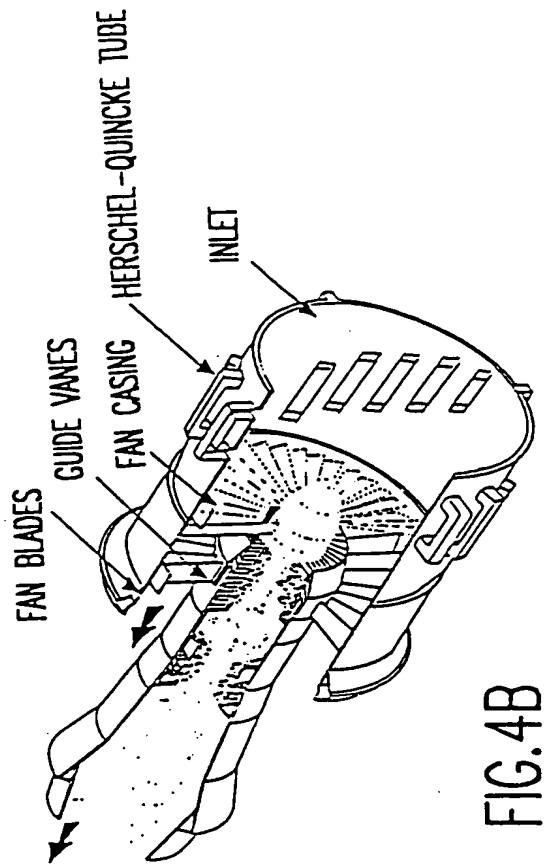


FIG. 4B

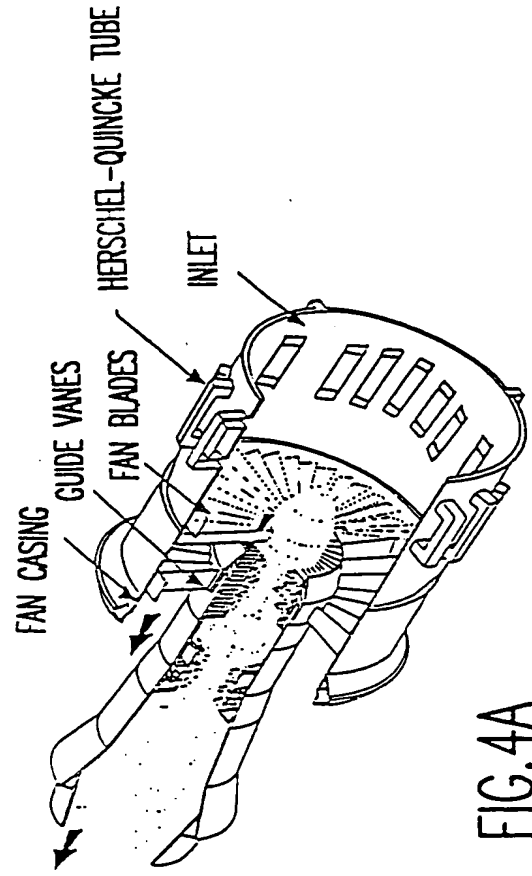


FIG. 4A

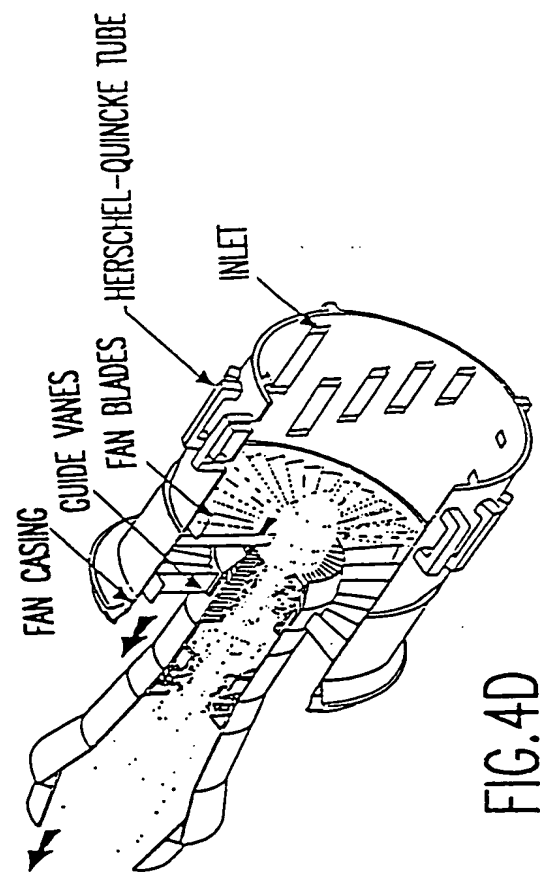


FIG. 4D

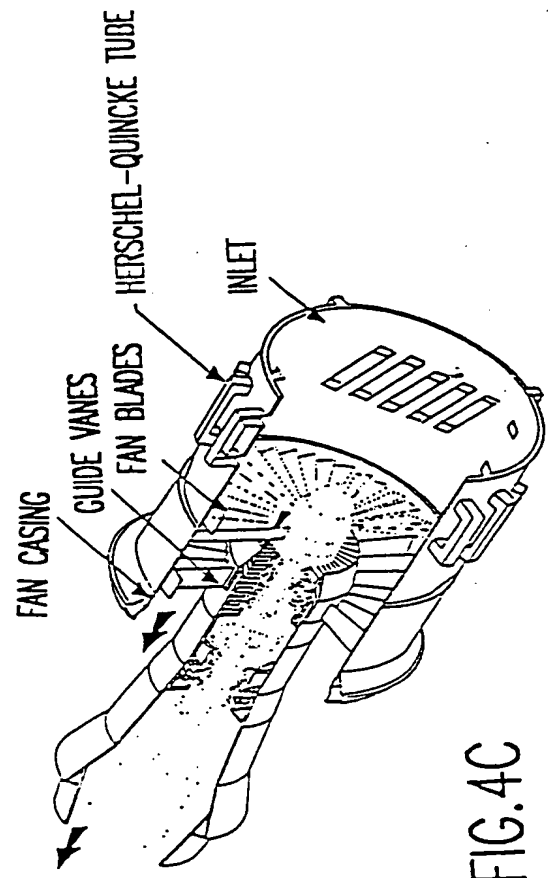


FIG. 4C

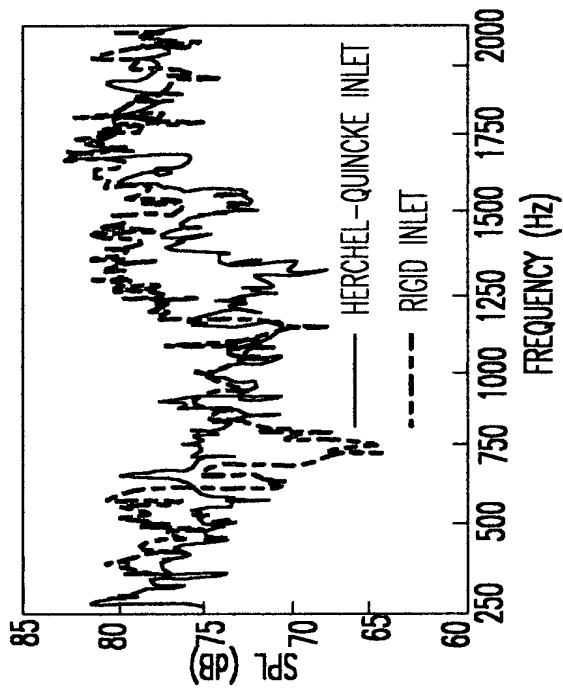


FIG. 5

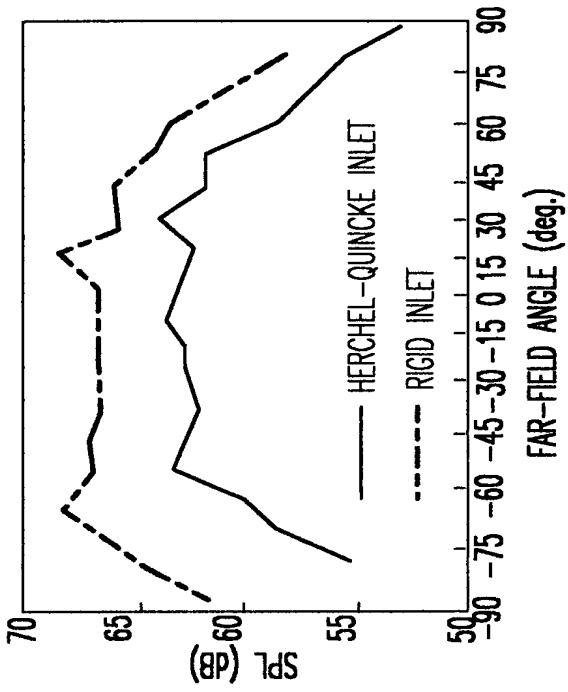


FIG. 7

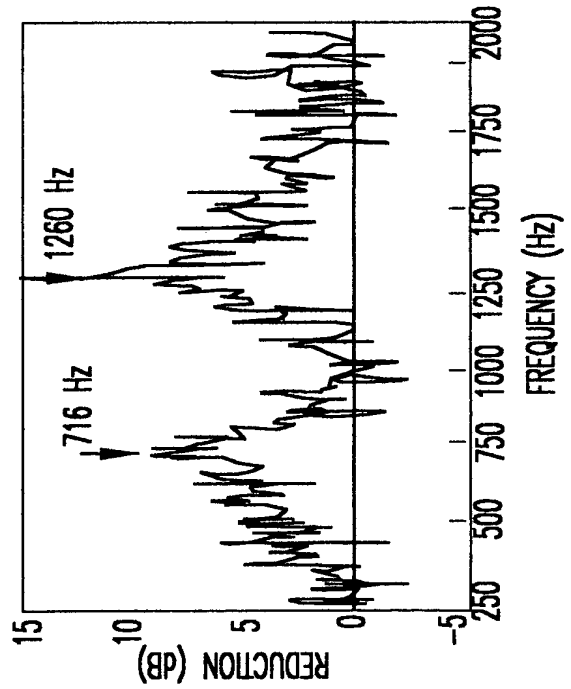


FIG. 6

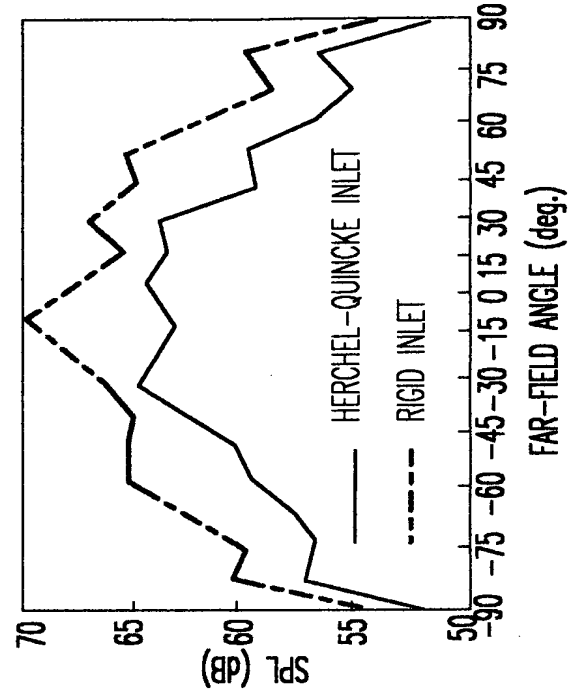
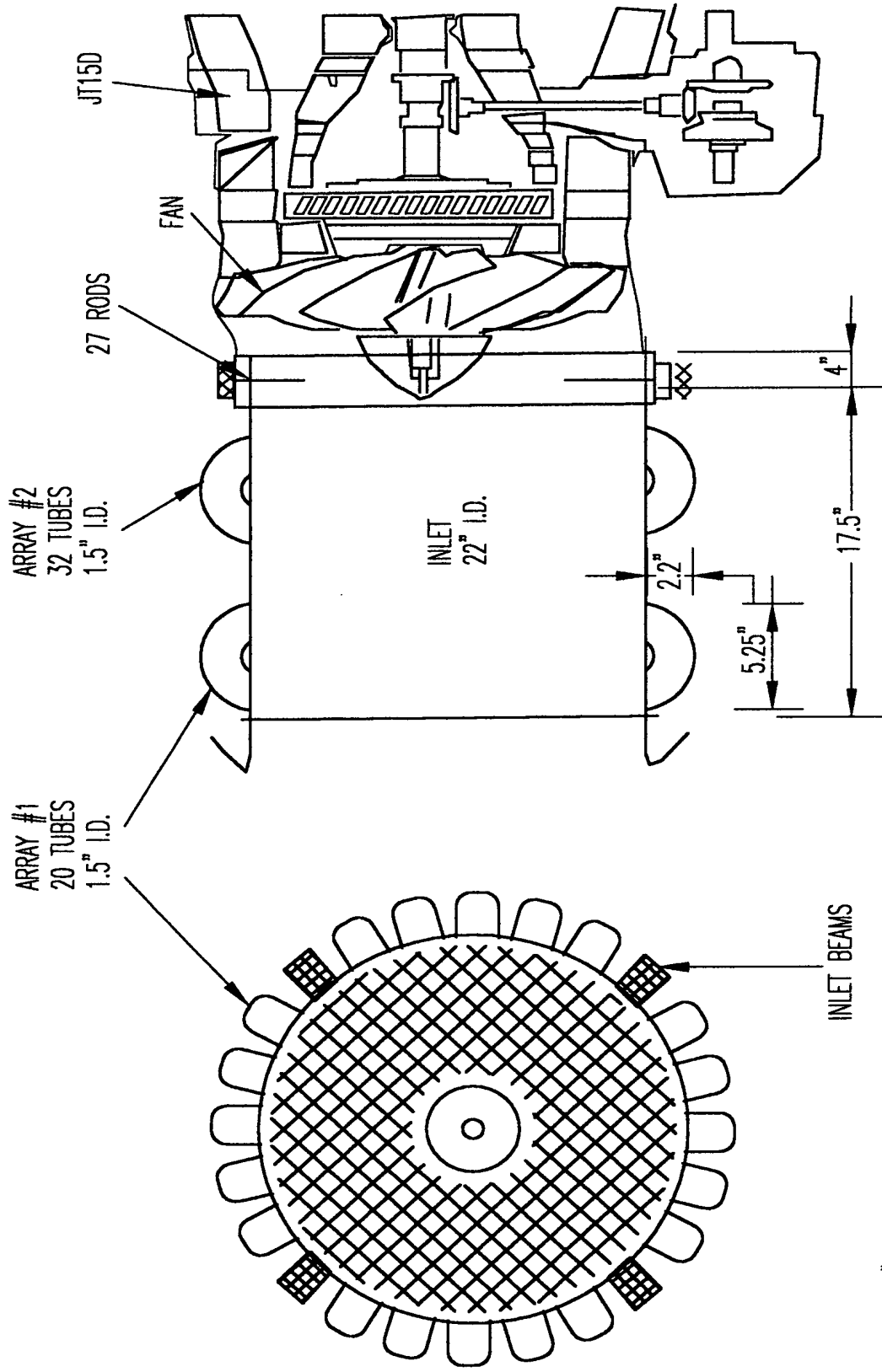


FIG. 8

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLA86
DRAFTSMAN		



SCALE ~ 1:7

FIG.9

WITH ARRAY #1: 4.6% OF INLET SURFACE AREA COVERED BY TUBES
 WITH BOTH ARRAYS: 12% OF INLET SURFACE AREA COVERED BY TUBES

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

RADIATION DIRECTIVITY BPF = 2340 Hz

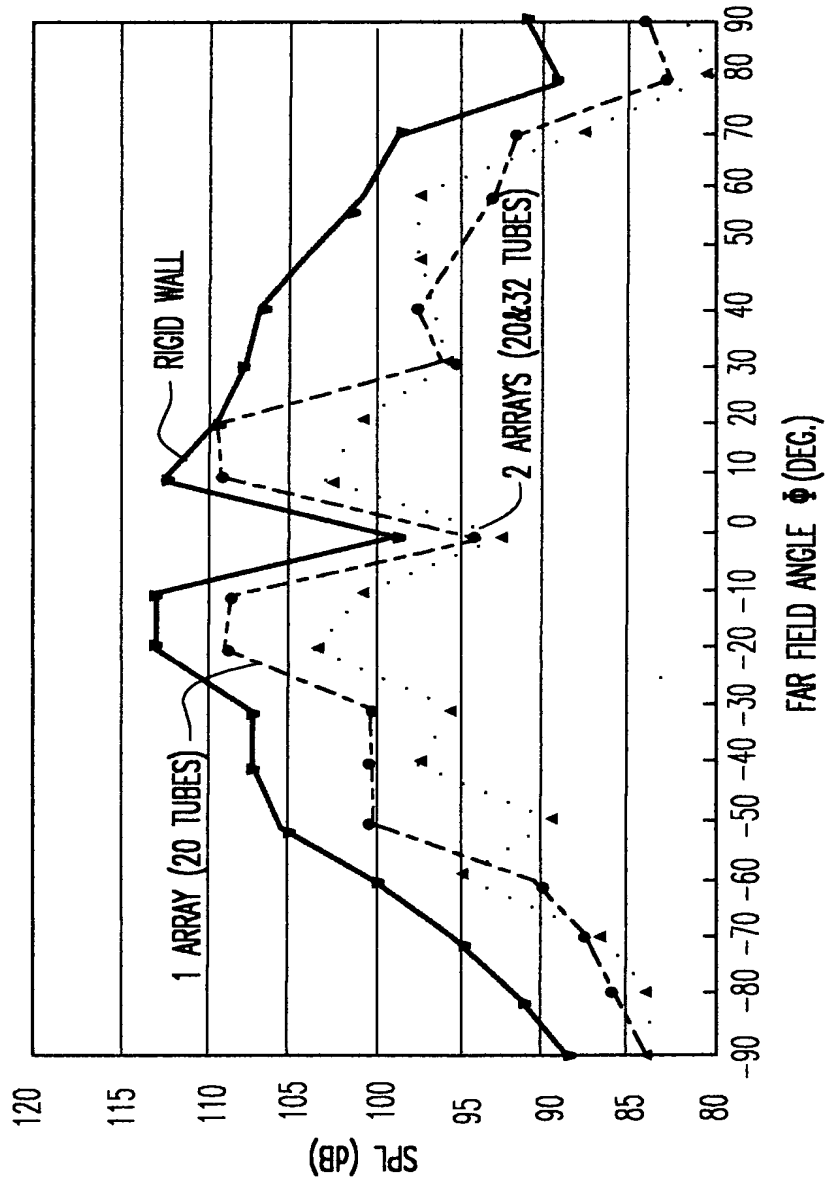


FIG.10

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

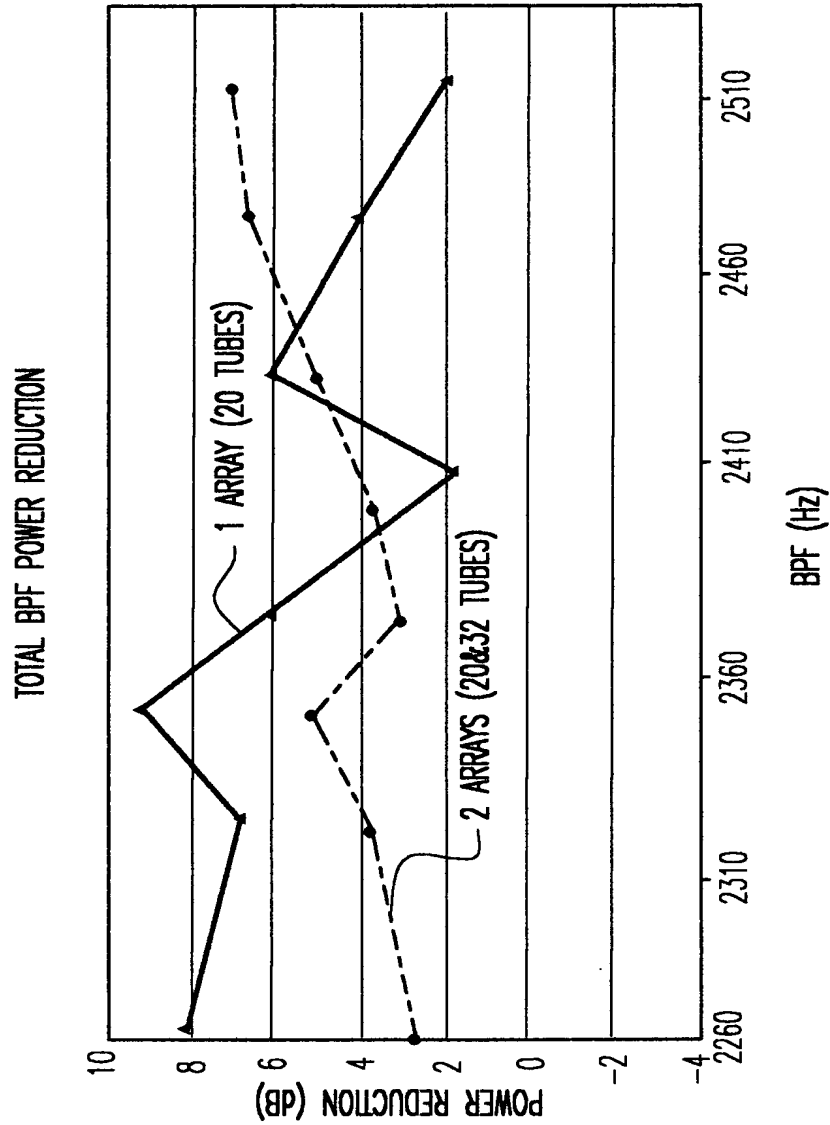


FIG.11

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

SPL Reduction
(dB)

1 Array (20 Tubes)

2 Arrays (20 & 32 Tubes)

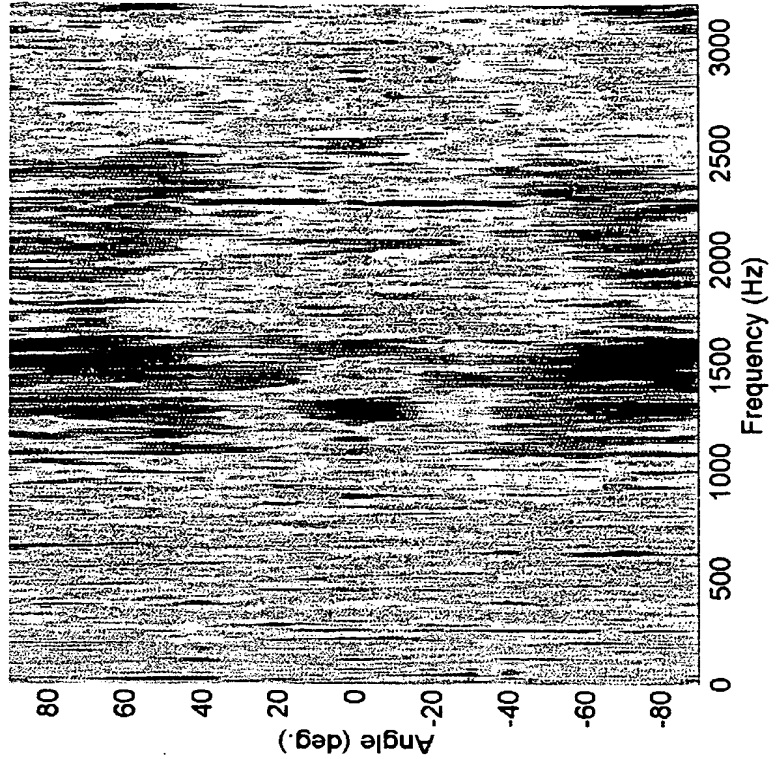
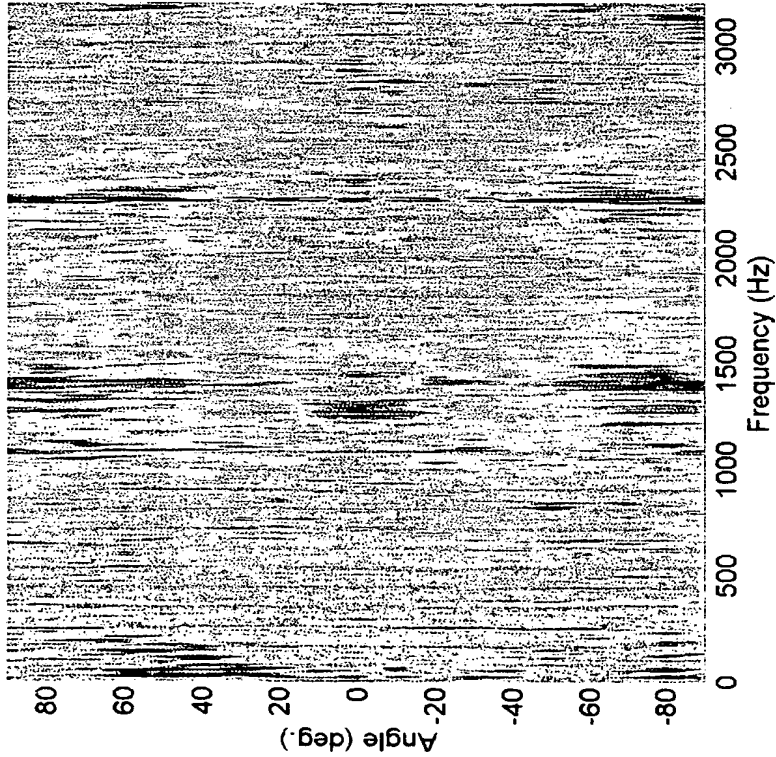


FIG.12

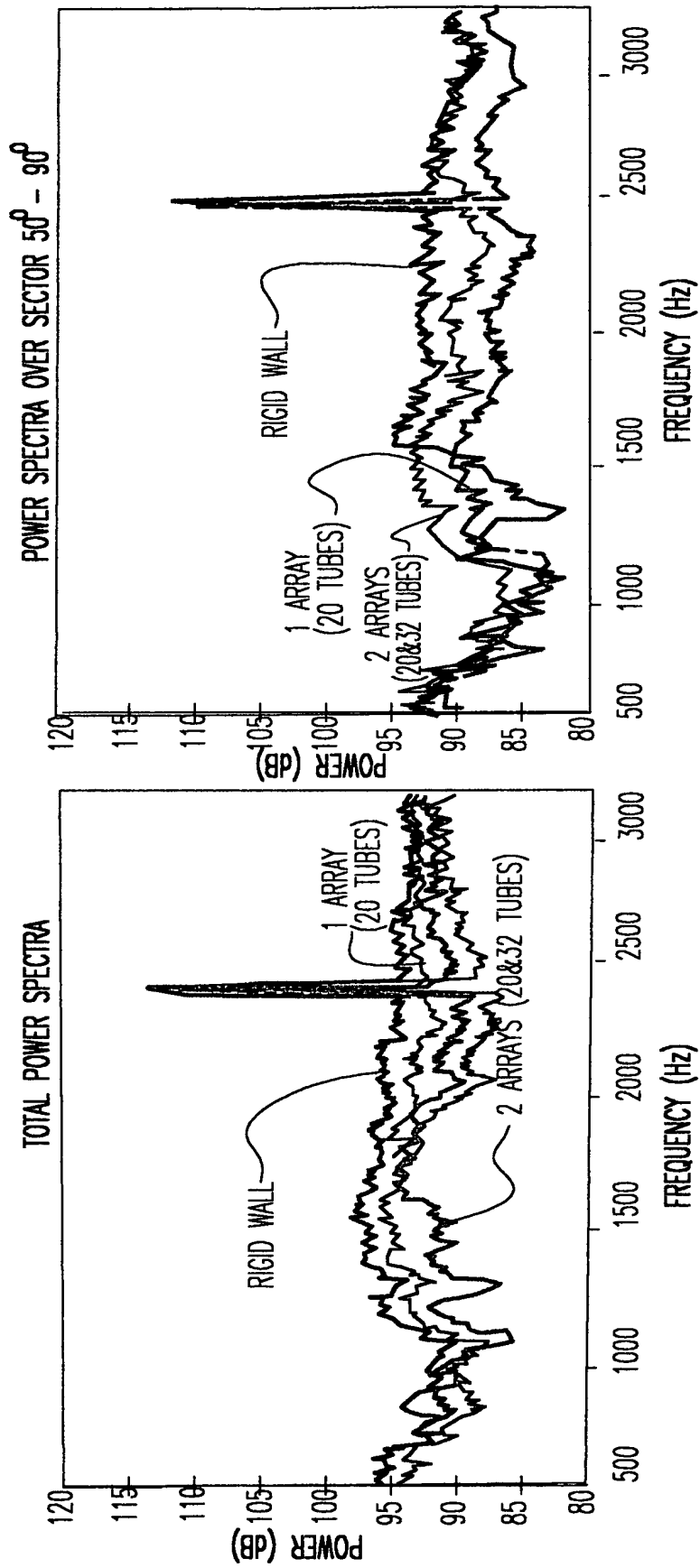


FIG.13